2441 Haste St. #31
Berkeley, CA 94704
USA

Telephone (510) 848 1893
E-mail rfgonzalez@lbl.gov
rodri@socrates.berkeley.edu

Rodrigo Fernandez-Gonzalez

PersonalInformation

Date of birth: 01/18/1978

Place of birth: Madrid (Spain)

Citizenship: Spanish

Education

I. B. Valdecas. Madrid, Spain, 1992 – 1996. High School. GPA: 4.0

E. T. S. I. Informatica, Universidad Autónoma de Madrid. Madrid, Spain, 1996 – 2000. B.S. in Computer Engineering. GPA: 3.51

Joint Graduate Program in Bioengineering, University of California at Berkeley and University of California at San Francisco. Berkeley/San Francisco, California. 2001 – Present. PhD. In Bioengineering. Current GPA: 3.7

ResearchExperience

Lawrence Berkeley National Laboratory. University of California at Berkely, Berkeley, California. 2000-2001. *Research Associate*.

Lawrence Berkeley National Laboratory. University of California at Berkely, Berkeley, California. 2001-Present. *Graduate Student Researcher*.

Languages

English and French, written and spoken. Spanish (native speaker).

Publications

A system for combined morphological and molecular analysis of thick tissue samples. Fernandez-Gonzalez R., Jones A., Garcia-Rodriguez E., Chen P.Y., Idica A., Barcellos-Hoff M.H., Ortiz de Solorzano C. Microscopy Research and Technique 2002 Dec 15;59(6):522-30.

Automatic segmentation of structures in normal and neoplastic mammary gland tissue sections. Fernandez-Gonzalez R., T. Deschamps, Idica A., Malladi R., Ortiz de Solorzano C. Proceedings of Photonics West 2003, vol. 4964(26).

Automatic segmentation of histological structures in mammary gland tissue sections. Fernandez-Gonzalez R., T. Deschamps, Idica A., Malladi R., Ortiz de Solorzano C. Journal of Biomedical Optics (Accepted, scheduled for publication in May 2004).

OralPresentations

Microscopy and Microanalysis'2001. Long Beach, California, August 5-9, 2001. *A system for computer-based reconstruction of 3-dimensional structures from serial tissue sections: an application to the study of normal and neoplastic mammary gland biology.*

Mammary Gland Affinity Group. Lawrence Berkeley National Laboratory, Berkeley, California, January 16th, 2002. *A system for computer-based reconstruction of 3-dimensional structures from serial tissue sections and*

image analysis: an application to the study of normal mammary gland biology and breast cancer.

2002 Bioengineering Research Forum. University of California at Berkeley, Berkeley, California, January 24th, 2002. *A system for combined morphological and molecular analysis of thick tissue samples*.

2002 UC Systemwide Biomedical Engineering Symposium. Lawrence Berkeley National Laboratory, Berkeley, California, May 5-6, 2002. *Automatic segmentation of structures in normal and neoplastic mammary gland tissue.* Fernandez-Gonzalez R., Jones A., Garcia-Rodriguez E., Chen P.Y., Idica A., Barcellos-Hoff M.H., Ortiz de Solorzano C. *Proceedings 2002 UC Systemwide Biomedical Engineering Symposium*, pg. 25, 2002

2002 Annual Retreat Joint Graduate Program in Bioengineering, University of California at Berkeley and University of California at San Francisco. Marconi Conference Center, California, September 21-22, 2002. *3D Histopathology*.

Photonics West' 2003. San Jose, California, January 25-31, 2003. *Automatic segmentation of structures in normal and neoplastic mammary gland tissue sections***.**

2003 Bioengineering Research Forum. University of California at Berkeley, Berkeley, California, April 29th, 2003. *Characterization of label retaining cells and their niche in the mouse mammary gland and in mammary cancer*.

Posters

2002 Annual Meeting of the American Association for Cancer Research. San Francisco, California, April 4-9, 2002. *3D Histopathology: towards a morphological characterization of ductal carcinoma in situ of the breast*. Ortiz de Solorzano C., Fernandez-Gonzalez R., Chin K., Chew K. L., Waldman F. M., Gray J. W.

2003 Mammary Gland Biology Gordon Research Conference . Roger Williams University, Bristol, Rhode Island, June 1-6, 2003. *3D Mammary Histopathology.* Fernandez-Gonzalez R., Idica A. K., Ortiz de Solorzano C.

2003 California Breast Cancer Research Symposium. San Diego, California, September 12-14, 2003. *Whole-gland analysis of cancer initiation and progression in the mouse mammary gland.* Laribi O., Fernandez-Gonzalez R., Hartland A. M., Ortiz de Solorzano C.

Awards

European Molecular Biology Organization. Student award to attend the **Digital Image Microscopy** course held at the Technical University of Delft, Delft, The Netherlands, June 3-7, 2002.

Department of Defense Breast Cancer Research Program. Predoctoral fellowship. *Characterization of label-retaining cells and their niche in the normal mouse mammary gland and breast cancer*. 2003-2006.

Courses

Robotics Workshop. E. T. S. I. Informatica (U. A. M.). Madrid, Spain, July 1-5, 1997.

Digital Image Microscopy. European Molecular Biology Organization, Technical University of Delft and Leiden University. Technical University of Delft, Delft, The Netherlands, June 3-7, 2002.

The Breast Cancer Course for Researchers. California Breast Cancer Research Program, National Cancer Institute and Susan G. Komen Breast Cancer Foundation. Santa Barbara, California, March 26-27, 2003.

Other degrees

First Certificate in English (1995) University of Cambridge

Certificate in Advanced English (1996) University of Cambridge

Certificate of Proficiency in English (1997) University of Cambridge

Basketball Coach (1997) Coaching School
Madrid Basketball Association

Voluntary Work

Computer System installation (1999) Madrid Sur Elementary School

Basketball Coach (1993 – 1997) José Mª. de Pereda Elementary School

Basketball Coach (1997 – ...) Gredos – San Diego High School

Summer School (1998) Gredos – San Diego High School

Summer Camps
1994, 1995 Pozo - Entrevías Athletic Club
1999 Gredos San – Diego High School

Mathematics and English teacher at different levels: elementary school, high school and college.

Interests

Willing to pursue a career in academia and breast cancer research.